L Number	Hits	Search Text	DB	Time stamp
1	1403	(403/274,279,282,245).CCLS.	USPAT;	2004/01/12
2	1832	(29/521,524,897,897.3,897.35,897.33,897.31	US-PGPUB . #19PAT(12).CO	13:34
			US-PGPUB	13:34
3	820	(52/731.2,731.6,735.1,309.13).CCLS.	USPAT; US-PGPUB	2004/01/12 13:35
4	220	(280/800).CCLS.	USPAT;	2004/01/12
5	178	(105/416).CCLS.	US-PGPUB USPAT;	13:35 2004/01/12
-			US-PGPUB	13:35
6	3321	(222/1,173,185.1,382).CCLS.	USPAT; US-PGPUB	2004/01/12
7	143	(((403/274,279,282,245).CCLS.)	USPAT;	2004/01/12
		((29/521,524,897,897.3,897.35,897.33,897.3 ((52/731.2,731.6,735.1,309.13).CCLS.)	TARARGRAR).C	Clu 5:.3 6
		((280/800).CCLS.) ((105/416).CCLS.)		
_	4	((222/1,173,185.1,382).CCLS.)) and @pd⅓∌36080627or ("3854185") or	USPAT	2003/06/27
		("0385642") or ("2321962")).PN.		17:27
-	11	(("4356888") or ("3854185") or ("0385642") or ("2321962")).PN.	USPAT; US-PGPUB;	2003/06/27 16:52
		, 11,71,11, , 11,11,11,11,11,11,11,11,11,11,11	EPO; JPO;	
•			DERWENT; IBM TDB	
	9	("0991779" "2201193" "3022857"	USPAT	2003/06/27
		"3085651" "3085652" "3970400" "4080713" "4162861" "4204587").PN.		15:43
-	2	4356888.URPN.	USPAT	2003/06/27
	3	("1382049" "3526420" "3730468").PN.	USPAT	15:44 2003/06/27
	-		OBIAL	15:45
-	1	("D452014").PN.	USPAT; US-PGPUB;	2003/06/27
			EPO; JPO;	10.32
			DERWENT; IBM TDB	•
-	3	("D343690" "4844420" "5050846").PN.	USPĀT	2003/06/27
_	0	D452014.URPN.	USPAT	16:53 2003/06/27
	_	D450014 WDDW		16:53
-	0	D452014.URPN.	USPAT	2003/06/27 16:54
-	47	(29/524).CCLS.	USPAT;	2003/06/27
			US-PGPUB; EPO; JPO;	17:31
			DERWENT;	
-	798	(29/521).CCLS.	<pre>IBM_TDB USPAT;</pre>	2003/06/27
			US-PGPUB;	18:21
			EPO; JPO; DERWENT;	
_	47	(20/524) CCIS	IBM_TDB	2002/06/27
-	4/	(29/524).CCLS.	USPAT; US-PGPUB;	2003/06/27 18:23
			EPO; JPO;	
			DERWENT; IBM TDB	
-	94	(29/518).CCLS.	USPAT;	2003/06/27
			US-PGPUB; EPO; JPO;	18:24
			DERWENT;	
_	160	(29/514).CCLS.	<pre>IBM_TDB USPAT;</pre>	2003/06/27
			US-PGPUB;	18:24
			EPO; JPO; DERWENT;	
_	632	(29/513).CCLS.	IBM_TDB	2002/06/27
	032	(29/313).0013.	USPAT	2003/06/27 18:29

Search History 1/12/04 1:39:52 PM Page 1

_	639	(29/505).CCLS.	USPAT	2003/06/27
_	1225	(29/428).CCLS.	USPAT	18:30 2003/06/27
	259	(29/897).CCLS.	USPAT	18:30 2003/06/27
	228			18:33
_		(29/897.3).CCLS.	USPAT	2003/06/27 18:34
-	172	(29/897.35).CCLS.	USPAT	2003/06/27 18:42
-	132	(29/897.33).CCLS.	USPAT	2003/06/27 18:44
_	200	(29/897.31).CCLS.	USPAT	2003/06/27 18:45
_	118	(29/897.312).CCLS.	USPAT	2003/06/27 18:48
-	544	(403/274).CCLS.	USPAT	2003/06/27 18:49
_	181	(403/279).CCLs.	USPAT	2003/06/27 18:49
_	510	(403/282).CCLS.	USPAT	2003/06/27 18:50
_	239	(403/285).CCLS.	USPAT	2003/06/27 18:50
-	5545	(("D452014").PN.) (("D343690" "4844420" "5050846").PN.) D452014.URPN. D452014.URPN. ((29/524).CCLS.) ((29/521).CCLS.) ((29/524).CCLS.)	USPAT	2003/06/27 18:52
		((29/518).CCLS.) ((29/514).CCLS.) ((29/513).CCLS.) ((29/505).CCLS.) ((29/428).CCLS.) ((29/897).CCLS.) ((29/897.3).CCLS.) ((29/897.35).CCLS.) ((29/897.33).CCLS.) ((29/897.31).CCLS.) ((29/897.312).CCLS.) ((403/274).CCLS.) ((403/279).CCLS.) ((403/282).CCLS.) ((403/285).CCLS.)		
_	204	((("D452014").PN.) (("D343690" "4844420" "5050846").PN.) D452014.URPN. D452014.URPN. ((29/524).CCLS.) ((29/521).CCLS.) ((29/524).CCLS.) ((29/518).CCLS.) ((29/514).CCLS.) ((29/513).CCLS.) ((29/505).CCLS.) ((29/428).CCLS.) ((29/897).CCLS.) ((29/897.3).CCLS.) ((29/897.35).CCLS.) ((29/897.33).CCLS.) ((29/897.31).CCLS.) ((29/897.312).CCLS.) ((403/274).CCLS.) ((403/279).CCLS.) ((403/282).CCLS.) ((403/285).CCLS.)) and crimped	USPAT	2003/06/27 18:52
	232	((("D452014").PN.) (("D343690" "4844420" "5050846").PN.) D452014.URPN. D452014.URPN. ((29/524).CCLS.) ((29/521).CCLS.) ((29/524).CCLS.) ((29/518).CCLS.) ((29/514).CCLS.) ((29/513).CCLS.) ((29/505).CCLS.) ((29/428).CCLS.) ((29/897).CCLS.) ((29/897.3).CCLS.) ((29/897.35).CCLS.) ((29/897.33).CCLS.) ((29/897.31).CCLS.) ((29/897.312).CCLS.) ((403/274).CCLS.) ((403/279).CCLS.) ((403/282).CCLS.) ((403/285).CCLS.)) and crimp\$2	USPAT	2003/06/27 18:56
-	839	crimp\$2 and sheet adj metal and bend	USPAT	2003/06/27
	16	("D268786" "1895190" "1950223" "2752017" "3319389" "3355206" "3570198" "3848385" "4034531" "4047348" "4222210" "4422272" "4505083" "4542615" "4554718" "4852325").PN.	USPAT	2003/06/28
<u>-</u>	0	5279033.URPN.	USPAT	2003/06/28 16:20

			_	
_	17	("0102441" "0425002" "3335524" "3872633" "3925953" "3967430" "4131980" "4160312" "4161811" "4267679" "4688366" "5074138"	USPAT	2003/06/28
_	14	"5228257" "5390466" "5424111" "5568714" "5720144").PN. ("2457148" "3082850" "3084401" "3160131" "3965632" "3979874" "4206578" "4462198" "4489529" "4679375" "4989387" "5592848" "5839246" "5979055").PN.	USPAT	2003/06/28 16:22
-	1	6041564.URPN.	USPAT	2003/06/28
_	17	3487518.URPN.	USPAT	2003/06/28
_	21	3420032.URPN.	USPAT	16:23 2003/06/28 16:24
-	4	5442885.URPN.	USPAT	2003/06/28
-	0	2129624.URPN.	USPAT	2003/06/28
-	2	2129625.URPN.	USPAT	2003/06/28
-	5	2115441.URPN.	USPAT	2003/06/28
-	10	2125692.URPN.	USPAT	2003/06/28 16:29
-	12	("2657153" "2805448" "2850890" "3487518" "3654018" "3753849" "3778949" "3984266" "4019301"	USPAT	2003/06/28 16:32
_	8	"4177306" "4242406" "4327536").PN. 4630419.URPN.	USPAT	2003/06/28
-	15	("1658831" "1818121" "3300839" "3570208" "4070845" "4129974" "4251973" "4576849" "4630419" "4734146" "4937998" "5042395" "5112422" "5152112" "5325647").PN.	USPAT	16:33 2003/06/28 16:34
-	3	5507522.URPN.	USPAT	2003/06/28 16:35
-	9	("3164713" "3420032" "3443732" "3694990" "3779444" "3780420" "3840719" "3970232" "4041270").PN.	USPAT	2003/06/28 16:39
-	1	4807797.URPN.	USPAT	2003/06/28
-	218	(280/800).CCLs.	USPAT	2003/06/28
_	11	2818272.URPN.	USPAT	2003/06/28
_	10	2125692.URPN.	USPAT	2003/06/28 17:00
-	172	(29/897.35).CCLS.	USPAT	2003/06/28 17:03
-	178	(105/416).CCLS.	USPAT	2003/06/28 17:06
-	11	2082792.URPN.	USPAT	2003/06/28
-	283	(52/731.2).CCLS.	USPAT	2003/06/28 17:13
-	9	1997876.URPN.	USPAT	2003/06/28 17:08
-	6	799320.URPN.	USPAT	2003/06/28 17:10
-	12	742549.URPN.	USPAT	2003/06/28 17:11
-	13	Sheet adj metal with rolled adj edges	USPAT	2003/06/28 17:17
-	1	4779313.URPN.	USPAT	2003/06/28 17:14
-	1	4779313.URPN.	USPAT	2003/06/28 17:14

_	12	("2275127" "2425025" "3064724"	USPAT	2003/06/28
		"3145439" "3202291" "3389526"		17:14
		"3466709" "3809799" "4119285"		
		"4312165" "4424612" "4480360").PN.		
_	94	Sheet adj metal and rolled adj edges	USPAT	2003/06/28
				17:20
_	181	Sheet adj metal and roll\$3 adj edges	USPAT	2003/06/28
	101	blicee day meetar and rorrys day eages	001111	17:25
	87	(Sheet adj metal and roll\$3 adj edges)	USPAT	2003/06/28
		not (Sheet adj metal and rolled adj	OBIAI	17:20
		edges)		17.20
	18	("0374232" "0758866" "1530074"	USPAT	2003/06/28
_	10		USPAI	
		"1803797" "2321836" "2366529"		17:23
		"2466323" "2549207" "2785836"		
		"3035737" "3279619" "3814293"		
		"3819138" "4114782" "4515334"	1	-
		"4722463" "4928860" "4972973").PN.	-	
-	9	5238146.URPN.	USPAT	2003/06/28
				17:24
] -	130	Sheet adj metal and roll\$3 adj seam	USPAT	2003/06/28
			,	17:33
-	14	("0636339" "0657000" "0782141"	USPAT	2003/06/28
		"1607923" "1706910" "2362846"		17:27
		"2382378" "2412528" "2424188"		
		"3151767" "3152717" "3367533"		
		"3385249" "3618817").PN.		
_	5	3151767.URPN.	USPAT	2003/06/28
				17:29
_	8	4055271.URPN.	USPAT	2003/06/28
		1002/1.01211	001111	17:29
<u>-</u>	9	3367533.URPN.	USPAT	2003/06/28
		3307333.0KEN.	OSEAT	17:32
l _	22	(Sheet adj metal and roll\$3 adj seam) and	USPAT	2003/06/28
	22		USPAI	17:57
	5	(structural adj member beam)	HCDAR	
-	5	(roll adj seam\$3).ti.	USPAT	2003/06/28
	1.07	11 14 62		17:58
_	197	roll adj seam\$3	USPAT	2003/06/28
	_			17:58
_	8	("1389900" "2169395" "2197439"	USPAT	2003/06/28
		"2337452" "2460296" "3160312"		18:04
		"3425381" "3736893").PN.		
-	1	4543025.URPN.	USPAT	2003/06/28
				18:04

			T. consider	T 0 0 0 0 10 5 10 0
-	67	(US-4356888-\$ or US-2054703-\$ or	USPAT	2003/06/28
!		US-4133566-\$ or US-3094197-\$ or		18:06
1		US-5279033-\$ or US-4554718-\$ or		
		US-2434731-\$ or US-5860265-\$ or		
		US-6205740-\$ or US-6041564-\$ or		
		US-5098011-\$ or US-4129974-\$ or		
		US-RE21921-\$ or US-2185384-\$ or		
		US-2122698-\$ or US-2092472-\$ or		
		US-2098676-\$ or US-1623939-\$ or		
		US-4240765-\$ or US-4185439-\$ or		
1		US-6435211-\$ or US-6412519-\$ or		
		US-5688095-\$ or US-5695352-\$ or		
		US-5526628-\$ or US-5454588-\$).did. or		
		(US-5245811-\$ or US-5175975-\$ or		
		US-5027968-\$ or US-5004192-\$ or		
		US-RE33566-\$ or US-4982487-\$ or		
		US-4852325-\$ or US-4483112-\$ or		
		US-4452564-\$ or US-4223503-\$ or		
		US-4193247-\$ or US-4097632-\$ or		
		US-4089145-\$ or US-3355206-\$ or		
		US-5979055-\$ or US-4630419-\$ or		
		US-4434599-\$ or US-5442885-\$ or		ľ
		US-4807797-\$ or US-5881508-\$ or		İ
		US-5487219-\$ or US-5507522-\$ or		
		US-6299210-\$ or US-2050945-\$ or		· ·
		,		
		US-4779313-\$ or US-3916521-\$ or		i
		US-5238146-\$).did. or (US-4055271-\$ or		
		US-2412528-\$ or US-4399840-\$ or		
		US-4055133-\$ or US-4948006-\$ or		
		US-4705184-\$ or US-4574607-\$ or		
		US-4543025-\$ or US-4263860-\$ or		
		US-3736893-\$ or US-3425381-\$ or		
		US-3160312-\$ or US-2337452-\$ or		
		US-2169395-\$).did.		
-	11	(US-3487518-\$ or US-3420032-\$ or	USOCR	2003/06/28
		US-2129624-\$ or US-2129625-\$ or		18:06
		US-2115441-\$ or US-2125692-\$ or		
		US-2818272-\$ or US-1997876-\$ or		
		US-0799320-\$ or US-3367533-\$ or		
		US-3151767-\$).did.		

		·		
-	22	1 ,,	USPAT	2003/06/28
		US-4133566-\$ or US-3094197-\$ or		18:11
		US-5279033-\$ or US-4554718-\$ or		
1		US-2434731-\$ or US-5860265-\$ or		
		US-6205740-\$ or US-6041564-\$ or		
		US-5098011-\$ or US-4129974-\$ or		
		US-RE21921-\$ or US-2185384-\$ or		
		US-2122698-\$ or US-2092472-\$ or		
		US-2098676-\$ or US-1623939-\$ or		
		US-4240765-\$ or US-4185439-\$ or		
		US-6435211-\$ or US-6412519-\$ or		
Ì		US-5688095-\$ or US-5695352-\$ or		
		US-5526628-\$ or US-5454588-\$).did. or		
		(US-5245811-\$ or US-5175975-\$ or]
	1	US-5027968-\$ or US-5004192-\$ or	1	
		US-RE33566-\$ or US-4982487-\$ or		
		US-4852325-\$ or US-4483112-\$ or	1	j i
		US-4452564-\$ or US-4223503-\$ or		
				1
		US-4193247-\$ or US-4097632-\$ or	İ]
		US-4089145-\$ or US-3355206-\$ or	ł	1 1
1		US-5979055-\$ or US-4630419-\$ or	[
1		US-4434599-\$ or US-5442885-\$ or		
1		US-4807797-\$ or US-5881508-\$ or		1
1		US-5487219-\$ or US-5507522-\$ or		
1		US-6299210-\$ or US-2050945-\$ or		
		US-4779313-\$ or US-3916521-\$ or		
1		US-5238146-\$).did. or (US-4055271-\$ or		
		US-2412528-\$ or US-4399840-\$ or		
		US-4055133-\$ or US-4948006-\$ or	ļ	
		US-4705184-\$ or US-4574607-\$ or		
		US-4543025-\$ or US-4263860-\$ or		
		US-3736893-\$ or US-3425381-\$ or		
		US-3160312-\$ or US-2337452-\$ or		
,		US-2169395-\$).did.) and crimp\$3		
i _	1	imbicat\$4	USPAT	2003/06/28
	_	INDICACY 4	OSFAI	20:31
_	0	HEL same steel same crimp\$3	USPAT;	2004/01/06
	"	I THE Same Sceet Same Climp\$3	US-PGPUB	11:38
1_	11	HEL same steel		
	1 11	The same steel	USPAT;	2004/01/06
1_	,	/#2000770# #4206100# #4722067#\ PX	US-PGPUB	11:51
1	3	("3998778" "4386188" "4722957").PN.	USPAT	2004/01/06
1_	4	/"0165133"\ DN	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	11:41
1 -	1	("0165133").PN.	USPAT;	2004/01/06
1	5000		US-PGPUB	11:42
-	5268	steel same crimp\$3	USPAT;	2004/01/06
1			US-PGPUB	11:55
1-	29	steel same crimp\$3 and high near elastic	USPAT;	2004/01/06
		l <u>.</u>	US-PGPUB	11:57
-	102	steel same crimp\$3 and elastic adj limit	USPAT;	2004/01/06
	i		US-PGPUB	11:58
~	39	steel same crimp\$3 and elastic adj limit	USPAT;	2004/01/06
		and sheet	US-PGPUB	11:58
~	39	steel same crimp\$3 and elastic adj limit	USPAT;	2004/01/06
		and sheet\$1	US-PGPUB	12:03
-	588	sheet\$1 same crimp\$3 same steel	USPAT;	2004/01/06
		-	US-PGPUB	12:04
-	2372	sheet\$1 same crimp\$3 same steel (high adj	USPAT;	2004/01/06
		(elastic adj limit yield adj (strength	US-PGPUB	12:11
		stress)))		
-	1	sheet\$1 same crimp\$3 same steel same(high	USPAT;	2004/01/06
	_	adj (elastic adj limit yield adj	US-PGPUB	12:13
		(strength stress)))	12 10105	-2.23
_	4	sheet\$1 same crimp\$3 and steel same(high	USPAT;	2004/01/06
		adj (elastic adj limit yield adj	US-PGPUB	;
		(strength stress)))	US-FGFUB	12:15
_	0		IICDAM:	2004/01/06
	"	sheet\$1 same crimp\$3 and steel	USPAT;	2004/01/06
		same((atleast at adj least) near (elastic	US-PGPUB	12:16
l _	1000	adj limit yield adj (strength stress)))		
-	1200	crimp\$3 and ((elastic adj limit) (yield	USPAT;	2004/01/06
		adj (strength stress)))	US-PGPUB	12:18
-	296	<pre>crimp\$3 and high same((elastic adj limit)</pre>	USPAT;	2004/01/06
1	1	(yield adj (strength stress)))	US-PGPUB	12:42

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-	82	stainless same steel same 17-7ph	USPAT;	2004/01/06
			US-PGPUB	12:43
-	44	stainless same steel same 17-7ph and	USPAT;	2004/01/06
		(crimp\$3 bend\$3 fold\$3)	US-PGPUB	12:49
-	23	stainless same steel same 440A and	USPAT;	2004/01/06
		(crimp\$3 bend\$3 fold\$3)	US-PGPUB	12:51
-	431	("4140" "4340") same steel and (crimp\$3	USPAT;	2004/01/06
	1.50	bend\$3 fold\$3)	US-PGPUB	12:51
-	150	("4140" "4340") same steel and (crimp\$3	USPAT;	2004/01/06
	1 40	[fold\$3]	US-PGPUB	12:56
-	49	("4140" "4340") same steel and sheet\$1 and	USPAT;	2004/01/06
		(crimp\$3 fold\$3)	US-PGPUB	12:56
-	71	(US-4133566-\$ or US-5279033-\$ or	USPAT;	2004/01/06
		US-4554718-\$ or US-2434731-\$ or	US-PGPUB	12:57
		US-3094197-\$ or US-4356888-\$ or		
		US-5487219-\$ or US-2054703-\$ or		
		US-5979055-\$ or US-5860265-\$ or		
1		US-6205740-\$ or US-6041564-\$ or]
		US-5098011-\$ or US-4129974-\$ or		
		US-RE21921-\$ or US-2185384-\$ or	ŀ	
l		US-2122698-\$ or US-2098676-\$ or	,	[
		US-2092472-\$ or US-1623939-\$ or		
		US-5442885-\$ or US-4240765-\$ or		l
		US-4185439-\$ or US-6435211-\$ or		l
		US-6412519-\$ or US-5695352-\$).did. or		
		(US-5688095-\$ or US-5526628-\$ or		
		US-5454588-\$ or US-5245811-\$ or US-5175975-\$ or US-5027968-\$ or		
		, , , , , , , , , , , , , , , , , , , ,		
·		US-RE33566-\$ or US-5004192-\$ or		
		US-4982487-\$ or US-4852325-\$ or US-4483112-\$ or US-4452564-\$ or		
		US-4223503-\$ or US-4193247-\$ or		
		US-4097632-\$ or US-4089145-\$ or		
		US-3355206-\$ or US-4630419-\$ or	ļ	
	:	US-4434599-\$ or US-4807797-\$ or]
		US-5881508-\$ or US-5507522-\$ or		
		US-6299210-\$ or US-2050945-\$ or		ļ .
		US-4779313-\$ or US-3916521-\$ or		[
		US-5238146-\$).did. or (US-4055271-\$ or		
		US-4055133-\$ or US-2412528-\$ or		
		US-4399840-\$ or US-4948006-\$ or		
		US-4705184-\$ or US-4574607-\$ or		
		US-4543025-\$ or US-4263860-\$ or		
		US-3736893-\$ or US-3160312-\$ or		
		US-3425381-\$ or US-2337452-\$ or		
		US-2169395-\$ or US-6475308-\$ or		
	1	US-4833903-\$ or US-5982085-\$).did. or		
		(US-20020053178-\$).did.		
-	11	(US-3487518-\$ or US-3420032-\$ or	USOCR	2004/01/06
		US-2129625-\$ or US-2125692-\$ or	====	12:57
		US-2129624-\$ or US-2115441-\$ or		
		US-2818272-\$ or US-1997876-\$ or		
		US-0799320-\$ or US-3367533-\$ or		
		US-3151767-\$).did.		
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			T	
-	2	((US-4133566-\$ or US-5279033-\$ or	USPAT;	2004/01/06
		US-4554718-\$ or US-2434731-\$ or	US-PGPUB	13:11
		US-3094197-\$ or US-4356888-\$ or		
		US-5487219-\$ or US-2054703-\$ or US-5979055-\$ or US-5860265-\$ or		
İ		US-6205740-\$ or US-6041564-\$ or		
		US-5098011-\$ or US-4129974-\$ or		
		US-RE21921-\$ or US-2185384-\$ or		
		US-2122698-\$ or US-2098676-\$ or	†	
		US-2092472-\$ or US-1623939-\$ or		
		US-5442885-\$ or US-4240765-\$ or		
		US-4185439-\$ or US-6435211-\$ or		
		US-6412519-\$ or US-5695352-\$).did. or		
		(US-5688095-\$ or US-5526628-\$ or	1	
		US-5454588-\$ or US-5245811-\$ or		
		US-5175975-\$ or US-5027968-\$ or		
Ì		US-RE33566-\$ or US-5004192-\$ or	1	
		US-4982487-\$ or US-4852325-\$ or		
		US-4483112-\$ or US-4452564-\$ or		
		US-4223503-\$ or US-4193247-\$ or		
		US-4097632-\$ or US-4089145-\$ or	1	
		US-3355206-\$ or US-4630419-\$ or		
		US-4434599-\$ or US-4807797-\$ or		
		US-5881508-\$ or US-5507522-\$ or		
	l	US-6299210-\$ or US-2050945-\$ or US-4779313-\$ or US-3916521-\$ or	1	
		· · · · · · · · · · · · · · · · · · ·	1	
		US-5238146-\$).did. or (US-4055271-\$ or US-4055133-\$ or US-2412528-\$ or		
		US-4399840-\$ or US-4948006-\$ or	ł	
		US-4705184-\$ or US-4574607-\$ or		
		US-4543025-\$ or US-4263860-\$ or		
		US-3736893-\$ or US-3160312-\$ or	1	
		US-3425381-\$ or US-2337452-\$ or		
		US-2169395-\$ or US-6475308-\$ or		
		US-4833903-\$ or US-5982085-\$).did. or	1	
		(US-20020053178-\$).did.) and ((("4140" or		
	ŀ	"4340" or "440A" or "17-7ph") same steel)		
		or (("T3" or "T351" or "T6" or "T651")		
		same ("2024" or "6061" or "7075") same	i	1
		aluminum))		
-	241	, , , , , , , , , , , , , , , , , , , ,	USPAT;	2004/01/06
		and ((("4140" or "4340" or "440A" or	US-PGPUB	13:42
ĺ		"17-7ph") same steel) or (("T3" or "T351"]
		or "T6" or "T651") same ("2024" or "6061"		j
	420	or "7075") same aluminum))	110775	0004/01/05
-	438	(crimp\$3 fold\$3) and ((("4140" or "4340" or "440A" or "17-7ph") same steel) or		2004/01/06
		or "440A" or "1/-/ph") same steel) or (("T3" or "T351" or "T6" or "T651") same	US-PGPUB	13:13
		("2024" or "6061" or "7075") same		
		aluminum))		
-	152	(crimp\$3 fold\$3) and sheet and ((("4140"	USPAT;	2004/01/06
	***	or "4340" or "440A" or "17-7ph") same	US-PGPUB	13:14
		steel) or (("T3" or "T351" or "T6" or		
		"T651") same ("2024" or "6061" or "7075")		
		same aluminum))		
-	164	(USPAT;	2004/01/06
		((("4140" or "4340" or "440A" or	US-PGPUB	13:21
1		"17-7ph") same steel) or (("T3" or "T351"		
		or "T6" or "T651") same ("2024" or "6061"		
		or "7075") same aluminum))		
-	99	(crimp\$3) and (plate\$3 sheet\$1) and	USPAT;	2004/01/06
		((("4140" or "4340" or "440A" or	US-PGPUB	13:36
		"17-7ph") same steel) or (("T3" or "T351"		
		or "T6" or "T651") same ("2024" or "6061" or "7075") same aluminum))		
_	2	or "7075"; same aluminum;) (crimp\$3 fold\$3) near (joint) and(plate\$3	HEDAT.	2004/01/06
	4	sheet\$1) and ((("4140" or "4340" or	USPAT; US-PGPUB	2004/01/06 15:23
		"440A" or "17-7ph") same steel) or (("T3"	03-16100	13:23
1		or "T351" or "T6" or "T651") same ("2024"		
		or "6061" or "7075") same aluminum))		
	<u> </u>		1	

	<u> </u>			
-	3	catalytic adj converter and ((("4140" or	USPAT;	2004/01/06
		"4340" or "440A" or "17-7ph") same steel)	US-PGPUB	13:41
		or (("T3" or "T351" or "T6" or "T651")		
		same ("2024" or "6061" or "7075") same		
		aluminum))		0004/01/05
_	1	catalytic adj converter and (("4140" or	USPAT;	2004/01/06
		"4340" or "440A" or "17-7ph") same steel)	US-PGPUB	13:41
_	0	catalytic adj converter and yeild adj	USPAT;	2004/01/06
	2.61	(strength stress)	US-PGPUB	13:42
-	361	(crimp\$3 fold\$3) and (joint connection)	USPAT;	2004/01/06
	1.55	and (HEL)	US-PGPUB	13:43
-	155	(crimp\$3 fold\$3) and (joint connection)	USPAT;	2004/01/06
_	152	and (HEL) and steel (crimp\$3 fold\$3) and (joint connection)	US-PGPUB USPAT;	13:44 2004/01/06
-	152	and (HEL) and steel not protien	US-PGPUB	13:45
1_	6	(crimp\$3 fold\$3) and (joint connection)	USPAT;	2004/01/06
	"	and (HEL) and steel not protein\$1	US-PGPUB	13:45
1_	8	(crimp\$3 fold\$3) and container\$1	USPAT;	2004/01/06
	ľ	and (plate\$3 sheet\$1) and (("4140" or	US-PGPUB	15:57
		"4340" or "440A" or "17-7ph") same steel)	05-16:05	15.57
1_	4	crimp\$3 same steel same ("4140" "4340"	USPAT;	2004/01/09
1	"	"440A" "17-7ph")	US-PGPUB	13:31
_	7	("3185595" "3754997" "4374909"	USPAT	2004/01/09
1	·	"4419420" "4452062" "4725512"	VSIAI	13:26
	1	"4931368").PN.		13.20
-	6	crimp\$3 same steel same (high near yield	USPAT;	2004/01/09
1		adj (stress strength))	US-PGPUB	13:52
-	11	crimp\$3 same steel same hem\$3	USPAT;	2004/01/09
		ozzmeto pamo podz pamo nome	US-PGPUB	13:37
_	2	("3102831" "3257200").PN.	USPAT	2004/01/09
	-	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	001111	13:49
_	1	3561638.URPN.	USPAT	2004/01/09
	_		******	13:49
_	63	crimp\$3 same steel same (drum\$1 keg\$1)	USPAT;	2004/01/09
		(US-PGPUB	13:56
_	14	steel same (elastic near limit yield near	USPAT;	2004/01/09
		(strength stress)) and crimp\$3 and	US-PGPUB	14:00
		(drum\$1 keg\$1)		
_	94	steel same (elastic near limit yield near	USPAT;	2004/01/09
		(strength stress)) and crimp\$3 and	US-PGPUB	14:01
		(seam\$1 joint\$1 hem\$1)		
-	42	steel same (elastic near limit yield near	USPAT;	2004/01/09
		(strength stress)) and crimp\$3 same	US-PGPUB	15:04
		(seam\$1 joint\$1 hem\$1)		
j -	1	("5383346").PN.	USPAT;	2004/01/09
			US-PGPUB	15:33
-	383	tempered same steel same sheet\$1	USPAT;	2004/01/09
1			US-PGPUB	15:35
-	204	tempered same steel same sheet\$1 and	USPAT;	2004/01/09
		(crimp\$3 bend\$3 fold\$3)	US-PGPUB	15:37
-	40	tempered same steel same sheet\$1 and	USPAT;	2004/01/09
1		((elastic adj limit) (yield adj(stress	US-PGPUB	15:41
		strength)))		
-	34	"1000 MPa" same steel and ((elastic adj	USPAT;	2004/01/09
	1	limit) (yield adj(stress strength)))	US-PGPUB	18:49
-	120	"17-7ph"	USPAT;	2004/01/09
1		WAAO - W	US-PGPUB	16:13
-	19	"440a" and tempered	USPAT;	2004/01/09
	1001	atainless and start and	US-PGPUB	16:15
-	1001	stainless adj steel same tempered	USPAT;	2004/01/09
_	226	stainless add steel some towns and some	US-PGPUB	16:15
	220	stainless adj steel same tempered same	USPAT;	2004/01/09
_	2881	(bent bend\$3 roll\$3 fold\$3)	US-PGPUB	16:16
	2881	punch.ti.	USPAT;	2004/01/09
_	365	punch.ti. and steel	US-PGPUB	18:49
	363	Panen.cr. and steer	USPAT;	2004/01/09
_	27	punch.ti. and steel and (crimp\$3 fold\$3	US-PGPUB	18:50 2004/01/09
		hem seam)	USPAT; US-PGPUB	18:52
-	194	punch.ti. and sheet adj metal	USPAT;	2004/01/09
	1,73	panonica, and briefe adj metal	US-PGPUB	18:57
L	l <u></u>	I	US-FGFUD	10.07

	1	punch.ti. and sheet adj metal and crush\$3	USPAT;	2004/01/09
		•	US-PGPUB	18:58
_	28	hand adj punch.ti.	USPAT;	2004/01/09
		•	US-PGPUB	19:00
_	1	2069231.URPN.	USPAT	2004/01/09
				18:59
-	3	pin adj punch.ti.	USPAT;	2004/01/09
			US-PGPUB	19:01
-	8	("1761207" "2285956" "2365425"	USPAT	2004/01/09
		"2484027" "2815692" "2869883"		19:01
		"3099876" "3349652").PN.		
-	28	punch.ti. and indentation	USPAT;	2004/01/09
			US-PGPUB	19:02
-	2	punch.ti. and indentation\$1 .ti.	USPAT;	2004/01/09
			US-PGPUB	19:02
-	50	punch.ti. and indentation\$1	USPAT;	2004/01/09
			US-PGPUB	19:05
-	13	roll adj pin .ti.	USPAT;	2004/01/09
			US-PGPUB	19:06
] -	28	punch .ti. and indentation	USPAT;	2004/01/09
			US-PGPUB	19:06
i –	28	punch .ti. and indentation	USPAT;	2004/01/09
1			US-PGPUB	19:08
-	81	punch and crush\$3 same (hem seam fold	USPAT;	2004/01/09
		joint)	US-PGPUB	19:08
-	36	P	USPAT;	2004/01/09
1		joint)	US-PGPUB	19:09
-	0		USPAT;	2004/01/09
	_	fold joint)	US-PGPUB	19:09
_	0	F=== ===	USPAT;	2004/01/09
		fold joint)	US-PGPUB	19:10
_	206	pin adj punch	USPAT;	2004/01/09
			US-PGPUB	19:10
_	4	roll adj pin adj punch	USPAT;	2004/01/09
			US-PGPUB	19:10